

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A method comprising:
receiving content from one or more content sources;
distributing a metadata dictionary to a plurality of network nodes, wherein the
metadata dictionary comprises content descriptors;
receiving a plurality of subscription information from a plurality of corresponding
filtering network nodes of the plurality of network nodes, wherein the
plurality of subscription information is provided by a plurality of
corresponding users via a plurality of receiving network nodes of the
plurality of network nodes;
aggregating the plurality of subscription information;
using the aggregated subscription information to determine user data including
one or more of users' preferences, needs, and interest levels;
allocating bandwidth in accordance with the user data;
generating an aggregated content stream based on the allocated bandwidth
~~aggregated subscription information~~, wherein the aggregated content
stream comprises aggregated content; and
distributing the aggregated content stream to the plurality of filtering network
nodes.
2. (Original) The method of claim 1, further comprising:
generating a plurality of user profiles comprising the plurality of subscription
information;
associating the content descriptors with the plurality of user profiles;
saving the user profiles;

generating a plurality of personalized content streams based on the plurality of user profiles by dividing the aggregated content stream into the plurality of personalized content streams; and
providing the plurality of personalized content streams to the plurality of receiving network nodes.

3. (Original) The method of claim 2, wherein the generating the plurality of personalized content streams comprises filtering the aggregated content stream by comparing the aggregated content stream with the plurality of user profiles.
4. (Original) The method of claim 1, wherein the preparing the aggregated content stream based on the aggregated subscription information further comprises allocating bandwidth based on the aggregated subscription information to maximize the bandwidth.
5. (Original) The method of claim 1, further comprising providing the plurality of personalized content streams to the plurality of corresponding users.

Claims 6-15 (Canceled)

16. (Currently Amended) A content delivery system comprising:
a plurality of filtering hubs to aggregate a plurality of subscription information;
and
a content distributor coupled to the plurality of filtering hubs, the content distributor to
receive content from one or more content sources,
distribute a metadata dictionary to a plurality of network nodes, wherein
the metadata dictionary having content descriptors,

receive the plurality of aggregated subscription information from the
plurality of filtering hubs,
use the plurality of aggregated subscription information to determine user
data including one or more of users' preferences, needs, and
interest levels,
allocate bandwidth in accordance with the user data,
generate ~~distribute downstream~~ an aggregated content stream to a plurality
of filtering hubs of a network, wherein the aggregated content
stream is based on the allocated bandwidth, wherein the aggregated
content stream comprises aggregated content, and
distribute the aggregated content stream to the plurality of filtering hubs.
~~-an aggregation a plurality of subscription information received from the~~
~~plurality of filtering hubs, the content distributor is further to~~
~~receive content from one or more content sources, and to distribute~~
~~metadata dictionary to a plurality of network nodes, wherein the~~
~~metadata dictionary having content descriptors; the plurality of~~
~~filtering hubs to receive the plurality of subscription information~~
~~from a plurality of receivers of the network, and filter the~~
~~aggregated content stream to generate a plurality of personalized~~
~~content streams based on a plurality of user profiles, wherein the~~
~~plurality of user profiles is generated based on the plurality of~~
~~subscription information, and provide the plurality of personalized~~
~~content streams downstream to the plurality of receivers; and a~~
~~plurality of receivers to receive the subscription information from a~~

~~plurality of users, and provide the subscription information upstream to the plurality of the filtering hubs, and provide the plurality of personalized content streams downstream to the plurality of users.~~

17. (Canceled)
18. (Canceled)
19. (Original) The content delivery system of claim 16, wherein the content distributor comprises broadcasting networks, local broadcasters, cable providers and operators, satellite service provider, and other content providers.
20. (Original) The content delivery system of claim 16, wherein the plurality of filtering hubs comprises head-ends, local broadcasters, local satellite stations, and filtering stations.
21. (Currently Amended) The content delivery system of claim 16, ~~wherein the~~ further comprising a plurality of receivers, the plurality of receivers comprising ~~comprises~~ multimedia devices, wherein the multimedia devices comprise content providing sub-system and content receiving sub-system.
22. (Previously Presented) The content delivery system of claim 21, wherein the content providing sub-system comprises content display system.
23. (Currently Amended) The content delivery system of claim 16, wherein the plurality of filtering hubs and the plurality of receivers may be one of logically and ~~and/or~~ physically integrated.
24. (Currently Amended) A machine-readable medium having stored thereon data representing ~~sequences~~ sets of instructions, the ~~sequences~~ set of instructions which, when executed by a ~~processor~~ machine, cause the ~~processor~~ machine to:

receive content from one or more content sources;
distribute a metadata dictionary to a plurality of network nodes, wherein the
metadata dictionary comprises content descriptors;
receive a plurality of subscription information from a plurality of corresponding
filtering network nodes of the plurality of network nodes, wherein the
plurality of subscription information is provided by a plurality of
corresponding users via a plurality of receiving network nodes of the
plurality of network nodes;
aggregate the plurality of subscription information;
using the aggregated subscription information to determine user data including
one or more of users' preferences, needs, and interest levels;
allocating bandwidth in accordance with the user data;
generate an aggregated content stream based on the allocated bandwidth
~~aggregated subscription information~~, wherein the aggregated content
stream comprises aggregated content; and
distribute the aggregated content stream to the plurality of filtering network
nodes.

25. (Currently Amended) The machine-readable medium of claim 24, wherein the
~~sequences~~ sets of instructions which, when executed by ~~a processor~~ the machine,
further cause the ~~processor~~ machine to:
generate a plurality of user profiles comprising the plurality of subscription
information;
associate the content descriptors with the plurality of user profiles;
save the user profiles;

generate a plurality of personalized content streams based on the plurality of user profiles by dividing the aggregated content stream into the plurality of personalized content streams; and
provide the plurality of personalized content streams to the plurality of receiving network nodes.

26. (Currently Amended) The machine-readable medium of claim 25, wherein to generate the plurality of personalized content streams further cause the processor to filter the aggregated content stream by comparing the aggregated content stream with the plurality of user profiles.
27. (Currently Amended) ~~A~~The machine-readable medium of claim 24, wherein the ~~sequences~~sets of instructions which, when executed by ~~a processor~~the machine, further cause the ~~processor~~machine to provide the plurality of personalized content streams to the plurality of corresponding users.
27. Claims 28-30 (Canceled)